Washington State University
MAJOR CHANGE FORM – REQUIREMENTS

NOTE: If proposing a **new** program (degree) or **extending, moving, consolidating, eliminating or renaming** an existing program (degree), these proposals must first go through the Provost's Office review process. Please do not use this form. Please contact the Provost's Office for directions on processing program (degree) proposals.

SUBMITTING PROPOSAL – Follow the steps on form, then:

- **Submit one electronic copy of complete packet of signed form/rationale statement/supporting documentation and/or edits** to wsu.curriculum@wsu.edu.
- Send the **original stapled packet** PLUS **10 stapled copies** of packet to the **Registrar's Office,** campus mail code 1035.

Department Name School of Electrical Engineering and Computer Science

1. Check proposed changes:

- ☐ New Plan (Major) *in* _____ CIP#___._____
- ☐ Change name of Plan (Major) *from* _____ *to* _____
- ☑ Revise certification requirements for the Plan (Major) *in* BS Computer Science
- ☑ Revise Plan (Major) requirements *in* BS Computer Science
- ☐ Drop Plan (Major) *in* _____

- ☐ New Sub-Plan (Option) *in* _____CIP#___._____
- ☐ Change name of Sub-Plan (Option) from _____ *to* _____
- ☐ Revise requirements for the Sub-Plan (Option) *in* _____
- ☐ Drop Sub-Plan (Option) *in* _____

- ☐ New Minor *in* _____CIP#___._____
- ☐ Change name of Minor from _____ *to* _____
- ☐ Revise Minor requirements *in* _____
- ☐ Drop Minor *in* _____

- ☐ New Certificate *in* _____CIP#___._____
- ☐ Change name of Certificate from _____ *to* _____
- ☐ Revise Certificate requirements *in* _____
- ☐ Drop Certificate *in* _____

- ☐ Other _____

2. **Effective Date: Fall** 2016 (Effective date must be for future fall term.) ***Submission deadline is Oct 1st.***
NOTE: Items received after deadlines may be put to the back of the line or forwarded to the following year. Please submit on time.

Contact: Josh Whiting Phone number: 335-2446
Email: joshwhiting@wsu.edu Campus mail code: 2752

3. PLEASE ATTACH A RATIONALE STATEMENT giving the reasons for each request marked above, and explaining how this impacts other units in Pullman and other campuses (if applicable).

4. PROVIDE SUPPORTING DOCUMENTATION AND/OR CURRENT CATALOG COPY with edit marks showing requested changes.

5. SIGN AND DATE APPROVALS.

Chair Signature/date	Dean Signature/date	CSC Date	
Chair Signature/date	Dean Signature/date	AAC or GSC Date	Senate Date

RATIONALE

New programming courses taught in Java are being offered starting Fall 2016. These changes formalize how Java programming courses will be used to earn a degree in Computer Science.

Current Requirements

Students may apply for certification into the Bachelor of Science in Computer Science degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121, 122; MATH 171, 172, 216; PHIL 201; PHYSICS 201.

No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.

First Year

First Term	Hours
CPT S 121	4
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
PHIL 201	3

Second Term	Hours
CPT S 122	4
HISTORY 105 [ROOT]	3
MATH 172	4
MATH 216	3

Second Year

First Term	Hours
CPT S 223	3
CPT S 260	3
MATH 220	2
MATH 273 or 301	2 or 3
PHYSICS 201 [PSCI]	4

Second Term	Hours
CPT S 355	3
Creative & Professional Arts [ARTS]	3
Humanities [HUM]	3
PHYSICS 202	4
Social Sciences [SSCI][1]	3
Complete Writing Portfolio	

Third Year

First Term	Hours
CPT S 317	3
CPT S 322 [M]	3
CPT S 360	4
ENGLISH 402 [WRTG] [M]	3
STAT 360	3

Second Term	Hours
CPT S 302	3
CPT S 350	3
CPT S Track Elective[2]	6
Diversity [DIVR]	3

Fourth Year

First Term	Hours
Biological Sciences with Lab [BSCI]	4
CPT S 421	3
CPT S Free Electives[3]	6
CPT S Track Elective[2]	3

Second Term	Hours
CPT S 423 [CAPS]	3
CPT S Free Electives[3]	6
CPT S Track Electives[2]	6
Complete Cpt S Exit Interview and Survey	

Footnotes

[1] ECONS 101 or 102 recommended.

[2] Tracks consist of five courses (15 credits): General Track: Required: CPT S 323 and 460; at least one course from CPT S 440, 443, and 471; at least two courses from CPT S 427, 451, 452, and 455. Software Engineering Track: Required: CPT S 323 and 422; at least three courses from CPT S 427, 443, 451, 452, 460, 481, and 483 (with departmental approval). Systems and Networking Track: Required: CPT S 455 and 460; at least three courses from CPT S 427, 452, 453, 464, 466, 483 (with departmental approval), and E E 324.

[3] Four additional courses (12 credits) of 300- or 400-level courses in CPT S and E E courses not used as Track Electives; CE 463; E M 464; MATH 401, 420, 421; MBIOS 478; MSE 302; PHYSICS 303, and 443.

Proposed Requirements

Students may apply for certification into the Bachelor of Science in Computer Science degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121, 122 or 131, 132; MATH 171, 172, 216; PHIL 201; PHYSICS 201.

No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.

First Year

First Term	Hours
CPT S 121 or 131[4]	4
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
PHIL 201	3

Second Term	Hours
CPT S 122 or 132[4]	4
HISTORY 105 [ROOT]	3
MATH 172	4
MATH 216	3

Second Year

First Term	Hours
CPT S 223 or 233[4]	3
CPT S 260	3
MATH 220	2
MATH 273 or 301	2 or 3
PHYSICS 201 [PSCI]	4

Second Term	Hours
CPT S 355	3
Creative & Professional Arts [ARTS]	3
Humanities [HUM]	3
PHYSICS 202	4
Social Sciences [SSCI][1]	3
Complete Writing Portfolio	

Third Year

First Term	Hours
CPT S 317	3
CPT S 322 [M]	3
CPT S 360 or 370[4]	4
ENGLISH 402 [WRTG] [M]	3
STAT 360	3

Second Term	Hours
CPT S 302	3
CPT S 350	3
CPT S Track Elective[2]	6
Diversity [DIVR]	3

Fourth Year

First Term	Hours
Biological Sciences with Lab [BSCI]	4
CPT S 421	3
CPT S Free Electives[3]	6
CPT S Track Elective[2]	3

Second Term	Hours
CPT S 423 [CAPS]	3
CPT S Free Electives[3]	6
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[4] Students may choose between a C/C++ or Java programming path. Students should stick to one path.